

NEBRASKA

WEATHER & CROPS



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For Week Ending August 6, 2000

Issue: 23-2000

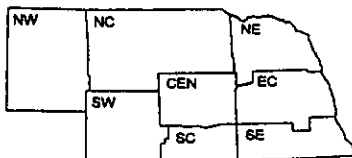
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National Agricultural Statistics Service
U S Department of Agriculture
and U S Department of Commerce
National Oceanic and Atmospheric Admin
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
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WEATHER

Temperatures averaged two to three degrees above normals in the Panhandle, while the remainder of the State averaged near normals. Light precipitation occurred across much of the State. Amounts ranged from traces to over two inches at Hemmingford.

GENERAL

Dryland crops continued to suffer from drought stress while livestock were stressed by hot, humid weather last week, according to the Nebraska Agricultural Statistics Service. Crop producers continued to use irrigation systems according to crop need, water availability, and fuel costs. Producer activities included moving grain to market, harvesting hay, and livestock care.

CROPS

Corn condition rated 12% very poor, 13% poor, 24% fair, 38% good, and 13% excellent. Irrigated corn at 69% good to excellent improved slightly from last week, while dryland corn declined to 22% good to excellent. Reports indicated that 39% of the crop was in or beyond the dough stage, this compared with 28% last year and 19% average. About 10% had dented, last year at this time none had dented while the average was 1%.

CROPS Cont.

Soybean condition declined and rated 14% very poor, 17% poor, 30% fair, 31% good, and 8% excellent. Blooming had occurred on 95% of the crop acreage as of Sunday, slightly ahead of 93% last year and 89% average. By week's end, 69% had set pods, well ahead of 45% last year and 43% average.

Sorghum condition declined and rated 9% very poor, 22% poor, 43% fair, 24% good, and 2% excellent. The crop was 72% headed as of Sunday, well ahead of 45% last year and 40% average. Ten percent of the crop was coloring as of Sunday, ahead of last year and average which had none.

Oat harvest was 90% complete and compares with 90% last year and 89% average.

Alfalfa third cutting progressed to 33% harvested, this compared to 14% last year and 10% average. Condition of the crop rated 22% very poor, 21% poor, 25% fair, 28% good, and 4% excellent. Wild hay harvest continued with overall condition rated 22% very poor, 34% poor, 29% fair, 12% good, and 3% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 32% very poor, 37% poor, 24% fair, 7% good. Some producers continued to move cattle around, provide supplemental hay and/or protein, or move cattle to market.

FIELD WORK PROGRESS AS OF AUGUST 6, 2000	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVERAGE
	NW	NC	NE	C	EC	SW	SC	SE				
	PERCENT											
% Corn Silked	85	88	96	98	96	89	99	98	95	89	97	89
% Corn Dough	16	6	26	40	53	19	45	65	39	19	28	19
% Corn Dent	0	0	1	n/a	10	0	17	19	10	n/a	0	1
% Soybeans Blooming	n/a	92	92	95	97	94	98	98	95	87	93	89
% Soybeans Setting Pods	n/a	67	52	59	78	44	74	81	69	46	45	43
% Sorghum Headed	n/a	67	65	30	90	25	58	81	72	50	45	40
% Alfalfa Third Cutting	20	22	22	16	70	40	87	62	33	19	14	10
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 4, 2000												
Days Suitable	6.8	7.0	6.8	6.4	6.5	7.0	7.0	6.6	6.8	5.9	5.2	
Topsoil Moisture												
- Very short	58	30	30	32	28	68	6	58	40	28	5	
- Short	38	27	48	42	37	21	48	27	35	33	28	
- Adequate	4	43	22	26	35	11	42	15	25	38	65	
- Surplus	0	0	0	0	0	0	4	0	0	1	2	
Subsoil Moisture												
- Very Short	31	31	51	42	57	67	36	76	48	44	3	
- Short	62	46	38	33	42	23	45	21	39	34	29	
- Adequate	7	23	11	25	1	10	19	3	13	22	67	
- Surplus	0	0	0	0	0	0	0	0	0	0	1	

n/a = not available

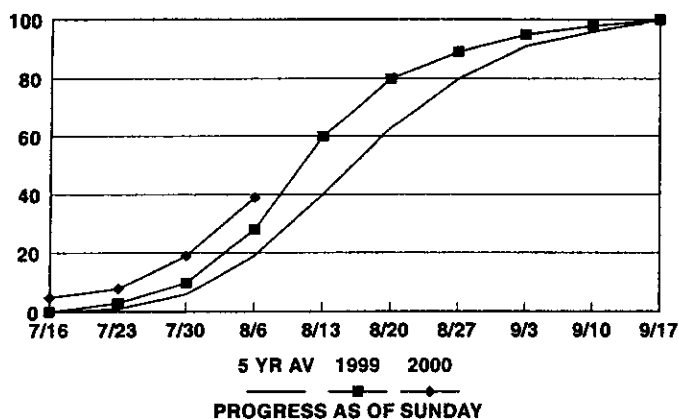
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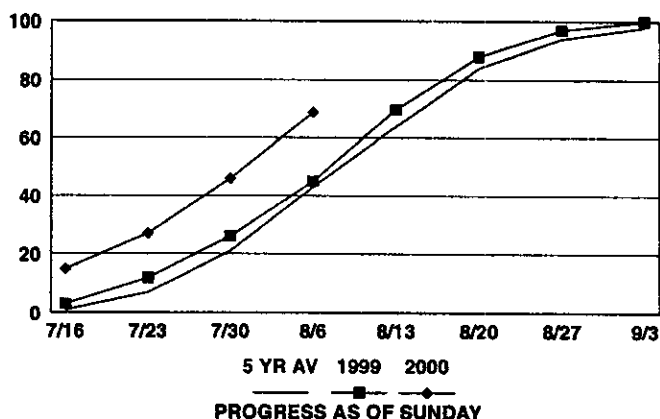
CORN DOUGH

% CORN IN DOUGH

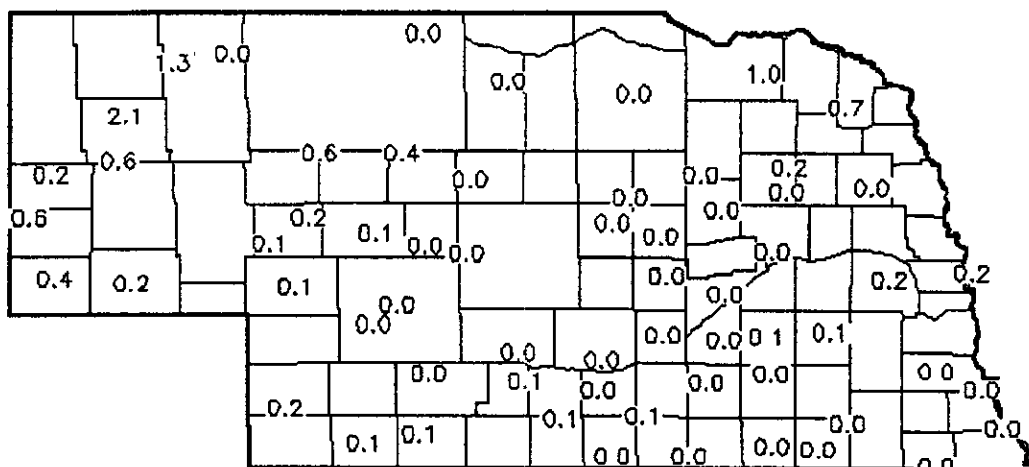


SOYBEANS PODDED

% SOYBEANS PODDED



PRECIPITATION IN INCHES FOR WEEK ENDING AUGUST 6, 2000



Source: High Plains Climate Center

PRECIPITATION, APRIL 1 - AUGUST 6, 2000

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week84	.08	.21	.01	.17	.26	.02	.07
Total since April 1	10.58	11.66	14.33	10.83	14.45	6.21	12.84	13.01
Normal since April 1	10.55	12.64	14.10	13.85	15.01	11.94	13.66	15.23
Total as % of normal	100%	92%	102%	78%	96%	52%	94%	85%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, AUGUST 6, 2000

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	101	58	78	---	1.06	---	---	---
	Scottsbluff	99	56	77	+3	.16	156	1835	1704
	Sidney	98	50	77	---	.07	152	1798	1746
NC	Valentine	95	55	75	0	.01	---	---	---
	Arthur	---	---	---	---	---	164	1804	1837
	O'Neill	---	---	---	---	---	179	1892	1961
NE	Norfolk	96	56	75	0	20	---	---	---
	Sioux City	90	57	74	-1	.44	---	---	---
	Concord	---	---	---	---	---	165	1927	2008
	Elgin	---	---	---	---	---	178	1936	2007
	West Point	---	---	---	---	---	171	2008	2118
CEN	Grand Island	96	59	76	-1	.02	175	2086	2030
	Ord	96	57	76	---	0	179	2008	2016
	Kearney	---	---	---	---	---	173	2040	2009
EC	Lincoln	95	60	77	-1	.07	185	2232	2222
	Omaha	90	61	75	-1	.23	---	---	---
	Central City	---	---	---	---	---	175	2065	2062
	Mead	---	---	---	---	---	172	2094	2190
SW	Imperial	98	56	78	---	.13	---	---	---
	North Platte	96	53	76	+2	.05	166	1994	1898
	Curtis	---	---	---	---	---	172	2035	1928
SC	Holdrege	---	---	---	---	---	171	2032	1994
	Red Cloud	---	---	---	---	---	194	2311	2054
SE	Beatrice	---	---	---	---	---	181	2194	2222
	Clay Center	---	---	---	---	---	176	2049	2050

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln. N/A = not available.